RoCide® DB20 is a concentrated, fast-acting, non-oxidizing liquid biocide for intermittent use that provides instant antimicrobial activity. It is based on a 20% solution of the active ingredient dibromo nitrilopropionamide (DBNPA).

RoCide DB20 is certified by the U.S. Environmental Protection Agency (EPA) for use in reverse osmosis (RO) systems. It degrades rapidly and naturally, making it a cost-effective method of eliminating contamination in compliance with strict discharge regulations.

INSTRUCTIONS FOR USE
RoCide DB20 may be used in RO applications as a biocide for intermittent use or as a membrane cleaner. For potable applications, refer to local regulations.

Biocide for Intermittent Use
Used as an on-line biocide for intermittent use, RoCide DB20 acts like a “shock treatment” to control fouling. The dose level and frequency should be optimized according to the bacteriological challenges present in the feedwater. A typical dose is 50 mg/l for one hour per week.

RO Membrane Cleaner
RoCide DB20 is normally applied as the first stage of cleaning using solutions of 50-200 mg/l depending on the degree of fouling. The solution is circulated through the membranes for 1-3 hours. Because RoCide DB20 is a fast-acting biocide, it should be added in batches of 50 mg/l four times during the circulation period.

PRODUCT INFORMATION
Packaging and Storage
Standard regional pack sizes are listed below. Information on drumless or bulk tanker delivery is available on request. Store and apply RoCide DB20 as supplied. Not suitable for dilution with water.

SPECIFICATIONS

| Appearance: Clear, light yellow to amber liquid | PACKAGING FORMAT | AMERICAS/ASIA | EMEA |
| pH (as supplied): 2.0-5.0 | Pail | 50 lb | 20 kg |
| Specific gravity (H₂O = 1): 1.2-1.3 | Drum | 500 lb | 200 kg |
| | IBC tote | 2500 lb | 1200 kg |

Please consult your sales representative for further technical or logistical details and always review the SDS before use to ensure suitable safety precautions are followed.

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